

Publ 2

And
a

22. The anchor of claim 20 wherein said circumferential ridge includes a proximal surface orientated transversely to a longitudinal axis of the body.

23. The anchor of claim 22 wherein the proximal surface is perpendicular to the longitudinal axis of the body.

24. The anchor of claim 19 further including a plurality of non-helically arranged, exterior enlargements for engaging the bone upon insertion to resist withdrawal of said anchor from the bone.

25. The anchor of claim 24 wherein each of said plurality of exterior enlargements comprises a circumferential ridge.

26. The anchor of claim 25 wherein each circumferential ridge includes a distal, chamfered surface.

27. The anchor of claim 25 wherein each circumferential ridge includes a proximal surface orientated transversely to a longitudinal axis of the body.

28. The anchor of claim 27 wherein the proximal surface is perpendicular to the longitudinal axis of the body.

29. The anchor of claim 25 wherein said circumferential ridges have outer extents of about the same diameter.

30. The anchor of claim 25 wherein at least one circumferential ridge has an outer diameter which differs from an outer diameter of another of said circumferential ridges.

31. The anchor of claim 19 wherein said body has a rounded distal end.

32. The anchor of claim 19 wherein said body has a pointed distal end.

33. The anchor of claim 19 wherein said opening has open ends, said body having an outer surface defining a pair of suture receiving channels, each suture receiving channel being aligned with one of said open ends.

34. The anchor of claim 33 wherein said suture receiving channels extend to a proximal end of said body.

35. The anchor of claim 19 wherein said body has a cylindrical exterior surface.

36. An anchor for insertion into a bone hole to secure a suture to bone, comprising:

a body having a cylindrical exterior surface, said body defining an opening for receiving the suture, and

a non-helical circumferential ridge extending from the cylindrical exterior surface of said body for engaging the bone upon insertion to resist withdrawal of said anchor from the bone.

37. The anchor of claim 36 wherein said body is rigid.

38. The anchor of claim 36 wherein said opening extends generally transversely through said body.

39. The anchor of claim 36 wherein said circumferential ridge includes a distal, chamfered surface.

40. The anchor of claim 36 wherein said circumferential ridge includes a proximal surface orientated transversely to a longitudinal axis of the body.

41. The anchor of claim 40 wherein the proximal surface is perpendicular to the longitudinal axis of the body.

42. The anchor of claim 36 further including a plurality of circumferential ridges for engaging the bone upon insertion to resist withdrawal of said anchor from the bone.

43. The anchor of claim 42 wherein each circumferential ridge includes a distal, chamfered surface.

44. The anchor of claim 42 wherein each circumferential ridge includes a proximal surface orientated transversely to a longitudinal axis of the body.

45. The anchor of claim 44 wherein the proximal surface is perpendicular to the longitudinal axis of the body.

46. The anchor of claim 42 wherein said circumferential ridges have outer extents of about the same diameter.

47. The anchor of claim 42 wherein at least one circumferential ridge has an outer diameter which differs from an outer diameter of another of said circumferential ridges.

48. The anchor of claim 36 wherein said body has a rounded distal end.

49. The anchor of claim 36 wherein said body has a pointed distal end.

50. The anchor of claim 36 wherein said opening has open ends, said body having an outer surface defining a pair of suture receiving channels, each suture receiving channel being aligned with one of said open ends.

51. The anchor of claim 50 wherein said suture receiving channels extend to a proximal end of said body.

52. An anchor for insertion into a bone hole to secure a suture to bone, comprising:

a rigid body defining a generally transverse opening extending through said body for receiving the suture, said opening having open ends, said body having an outer surface defining a pair of suture receiving channels, each suture receiving channel being aligned with one of said open ends,

said body including an engaging member configured to engage the bone upon insertion to resist withdrawal of said anchor from the bone.

53. The anchor of claim 52 wherein said suture receiving channels extend through said engaging member.

54. The anchor of claim 52 wherein said suture receiving channels extend to a proximal end of said body.

55. The anchor of claim 52 wherein said engaging member comprises a circumferential ridge.

56. The anchor of claim 55 wherein said circumferential ridge is non-helically arranged.

57. The anchor of claim 55 wherein said circumferential ridge includes a distal, chamfered surface.

58. The anchor of claim 55 wherein said circumferential ridge includes a proximal surface orientated transversely to a longitudinal axis of the body.

59. The anchor of claim 58 wherein the proximal surface is perpendicular to the longitudinal axis of the body.

60. The anchor of claim 52 further including a plurality of engaging members for engaging the bone upon insertion to resist withdrawal of said anchor from the bone.

61. The anchor of claim 60 wherein each of said plurality of engaging members comprises a circumferential ridge.

62. The anchor of claim 61 wherein said plurality of circumferential ridges are non-helically arranged.

63. The anchor of claim 61 wherein each circumferential ridge includes a distal, chamfered surface.

64. The anchor of claim 61 wherein said circumferential ridge includes a proximal surface orientated transversely to a longitudinal axis of the body.

65. The anchor of claim 64 wherein the proximal surface is perpendicular to the longitudinal axis of the body.

66. The anchor of claim 61 wherein said circumferential ridges have outer extents of about the same diameter.

67. The anchor of claim 61 wherein at least one circumferential ridge has an outer diameter which differs from an outer diameter of another of said circumferential ridges.

68. The anchor of claim 52 wherein said body has a rounded distal end.

69. The anchor of claim 52 wherein said body has a pointed distal end.

70. The anchor of claim 52 wherein said body has a cylindrical exterior surface.

71. An anchor for insertion into a bone hole to secure a suture to bone, comprising:

a rigid body defining a generally transverse opening extending through said body for receiving the suture,

said body having an exterior ^{ridge} enlargement configured to enable the anchor to be non-rotationally advanced into a bone

hole and to engage the bone upon insertion to resist withdrawal of said anchor from the bone.

72. The anchor of claim 71 wherein said enlargement comprises a non-helical circumferential ridge.

73. The anchor of claim 72 wherein said circumferential ridge including a distal, chamfered surface.

74. The anchor of claim 72 wherein said circumferential ridge includes a proximal surface orientated transversely to a longitudinal axis of the body.

75. The anchor of claim 74 wherein the proximal surface is perpendicular to the longitudinal axis of the body.

76. The anchor of claim 71 further including a plurality of non-helically arranged, exterior enlargements for engaging the bone upon insertion to resist withdrawal of said anchor from the bone.

77. The anchor of claim 76 wherein each of said plurality of exterior enlargements comprises a circumferential ridge.

78. The anchor of claim 77 wherein each circumferential ridge includes a distal, chamfered surface.

79. The anchor of claim 77 wherein each circumferential ridge includes a proximal surface orientated transversely to a longitudinal axis of the body.

80. The anchor of claim 79 wherein the proximal surface is perpendicular to the longitudinal axis of the body.

81. The anchor of claim 77 wherein said circumferential ridges have outer extents of about the same diameter.

82. The anchor of claim 77 wherein at least one circumferential ridge has an outer diameter which differs from an outer diameter of another of said circumferential ridges.

83. The anchor of claim 71 wherein said body has a rounded distal end.

84. The anchor of claim 71 wherein said body has a pointed distal end.

85. The anchor of claim 71 wherein said opening has open ends, said body having an outer surface defining a pair of suture receiving channels, each suture receiving channel being aligned with one of said open ends.

86. The anchor of claim 85 wherein said suture receiving channels extend to a proximal end of said body.

87. The anchor of claim 71 wherein said body has a cylindrical exterior surface.

88. An anchor assembly, comprising:

an anchor body defining an opening for receiving a first portion of suture, and

a drive tool for inserting said anchor body in bone, said drive tool including a mount for releasably receiving a second portion of the suture to enable said anchor body to be secured to said drive tool at least in part by attaching the second portion of the suture to the mount.

89. A method of securing a suture to a bone, comprising:

providing an anchor including a rigid body defining a generally transverse opening extending through said body for receiving the suture, said body having a non-helically extending exterior enlargement,

threading suture through the generally transverse opening, and

inserting the anchor within a bone hole such that said enlargement engages the bone to resist withdrawal of said anchor from the bone hole.

90. A method of securing a suture to a bone,
comprising:

*Wns
al*
providing an anchor including a body having a
cylindrical exterior surface, said body defining an opening for
receiving the suture, and a non-helical (circumferential ridge
extending from the cylindrical exterior surface of said body,

threading suture through the opening, and

inserting the anchor within a bone hole such that said
circumferential ridge engages the bone to resist withdrawal of
said anchor from the bone hole.

91. A method of securing a suture to a bone,
comprising:

SECRET 3224463
providing an anchor including a rigid body defining a
generally transverse opening extending through said body for
receiving the suture, said opening having open ends, said body
having an outer surface defining a pair of suture receiving
channels, each suture receiving channel being aligned with one of
said open ends, said body including an engaging member configured
to engage the bone upon insertion to resist withdrawal of said
anchor from the bone,

threading suture through the generally transverse
opening,

placing a first length of suture in a first of said
pair of suture receiving channels, and a second length of suture
in a second of said pair of suture receiving channels, and

inserting the anchor within a bone hole such that said engaging member engages the bone to resist withdrawal of said anchor from the bone hole.

92. A method of securing a suture to a bone,
comprising:

providing a rigid body defining a generally transverse opening extending through said body for receiving the suture, said body having an exterior enlargement configured to enable the anchor to be non-rotationally advanced into a bone hole and to engage the bone upon insertion to resist withdrawal of said anchor from the bone,

threading suture through the opening, and

inserting the anchor within a bone hole by applying only an axial force, said circumferential ridge engaging the bone to resist withdrawal of said anchor from the bone hole.

93. A method of attaching an anchor body to a drive tool, comprising:

attaching a first portion of a suture to said anchor body,

attaching a second portion of the suture said drive tool such that said anchor body is secured to said drive tool at least in part by attaching the second portion of the suture to the drive tool.